

## A census of the larger fungi of Western Australia Part II

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### Abstract

A further 205 taxa of larger fungi are added to the 299 listed in Part I, published in 1982 (Hilton, J R Soc W Aust 65: 1-15). New species and varieties based on collections within the State since 1982 are included, numbering 15. In addition, 6 revisions of names used in Part I are given and one Drummond species and one Preiss species are recorded as re-collected.

### Introduction

The census which follows includes some 200 species and varieties of the larger fungi of Western Australia based on citable herbarium specimens collected or located since Part I was published (Hilton 1982). Since Part I was submitted for publication in May 1980 a number of special collections have been made. The International Botanical Congress in August 1981, held at Sydney, brought H Cléménçon, E Horak and O K Miller to the State. During 1981 N Bougher (1983) made a special study of the dung coprini, and K Kenneally collected tropical polypores. J Trappe collected subterranean fungi, an area extended by N Malajczuk and his associates at CSIRO, and by G Beaton. R Watling visited in May 1982 and also collaborated with G Kile in elucidating the status of *Armillaria* species. E Horak re-visited the State in 1985.

### Arrangement

The classification of Ainsworth, Sparrow & Sussman (1973) has been followed for consistency with Part I, although more modern treatments are available, especially for those put under Hymenogastrales and Tuberales.

Collections which involve the type specimen are indicated by an asterisk (\*).

**Sub-division** Ascomycotina: "Ascomycetes"  
(classes omitted)

**Order** Clavicipitales

**Family** Clavicipitaceae

*Claviceps puspali* Stevens & Hall, Bot Gaz 50:462 (1910). Esperance, on *Paspalum dilatatum* (UWA 1014).

*Claviceps purpurea* (Fr.) Tulasne, Ann Sci Nat Bot III 20:45 (1853). Albany, on *Festuca elatior* var *arundinacea* (UWA 1647).

*Cordyceps brittlebankii* McLennan & Cookson, Proc R Soc Vic 38:74 (1926). Wanneroo (UWA 671).

### Order Helotiales

**Family** Geoglossaceae

*Trichoglossum hirsutum* (Persoon: Fr.) Boudier, Hist Class des discomycètes d'Europe 86 (1907). Porongorups (UWA 843).

**Family** Helotiaceae

*Discinella terrestris* (Berk. & Br.) Dennis, Kew Bull 13:342 (1958). Bremer Bay (UWA 2238).

### Order Pezizales

**Family** Ascobolaceae

*Ascobolus immersus* Pers.: Pers., Mycol eur 1:341 (1822). Cannington (UWA 3375). Subject of Univ W Aust Honours dissertation by H K Tan, 1964.

**Family** Pezizaceae

*Peziza violacea* Pers., Mycol eur 1:242 (1822). Yanchep (UWA 859), Gleneagle (UWA 2832).

*Peziza whitei* (Gilkey) Trappe, Mycotaxon 2:112 (1975). Porongorups (UWA 697).

**Family** Pyronemataceae

*Anthracobia muelleri* (Berk.) Rifai, Australasian Pezizales p. 141 (1968). Kings Park (UWA 1263), Wanneroo (UWA 1527), Karragullen (UWA 1935).

*Cheilymenia coprinaria* (Cooke) Boudier, Hist Class Discom Eur 63 (1907). Ludlow (UWA 1033).

*Inermisia fusispora* (Berk.) Rifai, Australasian Pezizales p 198 (1968). Moore River (UWA 871).

*Jafneadelphus asperulus* Rifai, Australasian Pezizales p 91 (1968). Dawesville (UWA 2448).

**Family** Sarcosomataceae

*Plectania rhytidia* Berk., Hook. f., Fl Nov Zeal 2:200 (1855). Boranup (UWA 2819).

## Order Sphaeriales

*Daldinia concentrica* (Bolton: Fr.) Cesati & de Notaris, Comm Soc Crittogam Ital 1:198 (1963). Porongorups (UWA 683, 877), Mitchell Plateau (UWA 2754).

*Hypoxylon fuscum* Pers.: Fr., Summa Veg Scand p 384 (1849) Donnelly Mill, on bark of karri (UWA 3436).

*Hypoxylon rubiginosum* Pers.: Fr., Summa Veg Scand p 384 (1849) Dampier Peninsula (UWA 2779).

*Xylaria polymorpha* (Pers.) Greville, Flora Edinensis p 355 (1824) Mt Barker (UWA 2853).

## Order Tuberales

## Family Tuberaceae

Revision: *Choiromyces aboriginus* Trappe, Mycotaxon 9:334 (1979). Listed previously as *Elderia arenivaga*.

*Clelandia bulundari* see *Mycoclelandia bulundari*.

Revision: *Elderia arenivaga* see *Choiromyces aboriginus*.

*Labyrinthomyces steenisii* see *Labyrinthomyces varius*.

*Labyrinthomyces varius* (Rodway) Trappe, Mycotaxon 9:321 (1979). Perup River (UWA 1886). Originally described as *Stephensia varia* Rodway, synonymous with *Labyrinthomyces steenisii* Boedijn.

*Labyrinthomyces westraliensis* Beaton & Malajczuk, Trans Br Mycol Soc 86:503 (1986). Kings Park (MELU\*).

*Labyrinthomyces westraliensis* var *parvulosporus* Beaton & Malajczuk, Trans Br Mycol Soc 86:506 (1986). Rottneest I (MELU\*).

*Mycoclelandia bulundari* (Beaton) Trappe & Beaton, Trans Br Mycol Soc 83:535 (1984). Balgo Mission, as *Clelandia bulundari* Beaton (UWA 2427\*) (MELU).

*Stephensia varia* see *Labyrinthomyces varius*.

## Sub-division Basidiomycotina: "Basidiomycetes"

## Class Hymenomycetes

## Sub-class Phragmobasidiomycetidae

## Order Tremellales

## Family Tremellaceae

*Aporpium caryae* (Schw.) Teixeira & Rogers, Mycologia 47:408 (1955). Manjimup (PDD 52472).

## Sub-class Holobasidiomycetidae

## Order Agaricales

## Family Agaricaceae

*Agaricus bisporus* (Lange) Pilat, Acta Mus nat Prague 7b (1951). Crawley (E) Fremantle (UWA 1478).

*Agaricus langei* (Möller) Möller, Friesia 4 (1952). As *Psalliota vinacea* Cleland, Gleneagle (UWA 2587) (VPI).

*Agaricus placomyces* Peck, Ann Rep NY State Mus 29:40 (1878). Northcliffe (Watling 10209) (E).

*Agaricus silvaticus* Fr., Epier Syst Myc p 214 (1838). Denmark (UWA 2378) (UWA 2357).

*Agaricus silvicola* (Vitt.) Peck, Rep NY Mus 36 (1883). S Perth (UWA 1484).

*Psalliota vinacea* see *Agaricus langei*.

## Family Amanitaceae

*Amanita ananaecephs* (Berk.) Sacc., Syll Fung 5:18 (1887). Kalamunda, as *Amanita farinacea* (Sacc.) Cleland & Cheel, (E), Pemberton (UWA 1480).

*Amanita couicobulbosa* Cleland, Trans R Soc S Aust 55:152 (1931). Watling (1975) records a number of collections made in 1974. (E).

*Amanita farinacea* see *Amanita ananaecephs*.

*Amanita grisea* Masee & Rodway, Kew Bull 156 (1901). Nannup Road (Watling 10187) (E), Pemberton (Watling 10215) (E), Gleneagle (UWA 2048) Jandakot (UWA 2057).

*Amanita murina* Sacc., Syll Fung 9:2 (1891). Dryandra (UWA 1907) Two Peoples Bay (UWA 2665) Mundaring (UWA 2820).

*Amanita nauseosa* (Wakefield) Reid, Beihefte Nov Hedwig p 25 (1966). Nedlands (UWA 2569).

*Amanita ochrophylla* (Cooke & Masee) Cleland, Trans R Soc S Aust 48:237 (1924). Donnybrook Sunklands (UWA 2582) (K).

*Amanita punctata* (Cleland & Cheel) Reid, Aust J Bot Suppl Ser No 8 p 50 (1980). Perup (UWA 3017).

*Amanita subalbida* Cleland, Trans R Soc S Aust 55:152 (1931). Two Peoples Bay (K) Harvey (UWA 2580).

*Limacella illinita* (Fr.) Murrill, N Amer Fl 10:40 (1914). Barton's Mill (UWA 2541).

*Limacella ochraceolutea* P D Orton, Notes R Bot Gdn Edinb 29:105 (1969) Nedlands (UWA 2839).

## Family Bolbitiaceae

*Agrocybe arenicola* (Berk.) Singer, Beih Bot Centralblatt Abt B 56:169 (1936). Kings Park (UWA 1498) Esperance (UWA 1773).

*Agrocybe neocoprophila* Singer, Lilloa 26:95 (1953). Harvey, on cow dung (UWA 2039).

## Family Boletaceae

*Austroboletus occidentalis* Watling, in Watling & Gregory p 104 (1986), as *Boletus lacunosus* Cooke & Masee, Mundaring Weir (UWA 1305); as *Porphyrellus cookei* Singer, Canning Dam (UWA 1869), Gleneagle (E\*).

*Boletus lacunosus* see *Austroboletus occidentalis*.

Re-collection: *Boletus caesareus* Fr. in Lehmann, Pl Preiss 2:134 (1846). Mundaring Weir (UWA 3384) (E), Gleneagle (UWA 3454).

*Boletus multicolor* Cleland, Trans R Soc S Aust 58:214 (1934). Two Peoples Bay (UWA 2652).

*Boletus nigerrimus* Heim, Rev Mycol 28:281 (1963). Crystal Brook (UWA 1852), Kings Park (UWA 2110); Quininup (UWA 2214).

*Gyroporus caespitosus* Cleland, Trans R Soc S Aust 48:247 (1924). Shannon River (UWA 3308).

*Porphyrellus cookei* see *Austroboletus occidentalis*.

## Family Coprinaceae

*Coprinus cordisporus* Gibbs, The Naturalist, London, 100 (1898). John Forrest National Park, on horse dung (UWA 2535).

*Coprinus curtus* Kalkbrenner, Grevillea 9:138 (1881). Nedlands, on horse dung (UWA 2537), Mundaring, on Kangaroo dung (UWA 2539).

*Coprinus flocculosus* De Candolle: Fr., Epier p 245. (1838). John Forrest National Park, on horse dung (UWA 2534).

*Coprinus macrocephalus* (Berk.) Berk., Outl Br Fungol 180 (1860). Wattle Grove, on horse dung (UWA 2533).

*Coprinus pellucidus* Karsten, Medd Soc Fauna & Flora Fennica 9:51 (1882). Wattle Grove, on horse dung (UWA 2540).

*Coprinus radiaius* (Desm.) Fr., Epier p 248 (1838) Duncraig (UWA 2307), including the Ozonium stage.

*Coprinus stercoreus* Fr., Epicr p 251. (1838). Mt Dale. on Kangaroo dung (UWA 2531).

*Coprinus verniculifer* Jossierand ex Dennis. Kew Bull 19:112 (1964). Dwellingup. on Kangaroo dung (UWA 2532).

*Panaeolus fimicola* (Fr.) Quél., Enchiridion Fungorum p 119 (1886). Crawley (UWA 2514).

*Panaeolus speciosus* P D Orton. Notes R Bot Gdn Edinb. 29:1:110 (1969). Harvey (UWA 2567).

#### Family Cortinariaceae

*Astrosporina asterospora* see *Astrosporina imbricata*

*Astrosporina imbricata* Cleland, Trans R Soc S Aust 57:192 (1933). Crawley (UWA 1681). Gleneagle (UWA 2557). Horak (1979 p 190) indicates that this is the species to which *A. asterospora* Quél. *sensu* Cleland and *Inocybe murrayana* Cleland correspond.

*Cortinarius archeri* Berk., Fl Tasman t 181 f 7 (1880). Mundaring (UWA 2515).

Revision: *Cortinarius australiensis* (Cleland & Cheel) Horak, Sydowia 34:106 (1981). Previously listed as *Rozites australiensis* Cleland & Cheel.

*Cortinarius austro-venetus* see *Dermocybe austro-veneta*.

*Cortinarius clelandii* Smith, Lloydia 7:203 (1944). Dwellingup (UWA 3008). A *nomen novum* for *C. subcinnamomeus* Clel. See Ammirati (1975).

*Cortinarius erythrocephalus* see *Dermocybe erythrocephala*.

*Cortinarius globuliformis* Bougher, Trans Br Mycol Soc 86:301 (1986). Dwellingup (UWA 2919\*).

*Cortinarius lavendulensis* Cleland, Trans R Soc S Aust 52:217 (1928). Dwellingup (UWA 2906).

*Cortinarius ochraceus* Cleland, Trans R Soc S Aust 51:301 (1927). Canning Dam (UWA 1991).

*Cortinarius paleaceus* (Weinm.) Fr., Epicr p 302 (1822). Gleneagle (UWA 2671).

*Cortinarius rotundisporus* Cleland & Cheel, Trans R Soc S Aust 42:96 (1918). W Australia (ZT 1152).

*Cortinarius sanguineus* see *Dermocybe erythrocephala*.

*Cortinarius subarcheri* Cleland, Trans R Soc S Aust 52:220 (1928). Jarrahdale (UWA 2016). Denmark (UWA 2323).

*Cortinarius subcinnamomeus* see *Cortinarius clelandii*.

*Cortinarius vinaceolumellutus* Cleland, Trans R Soc S Aust 57:191 (1933). Dwellingup (UWA 2907).

*Cortinarius violaceus* (L. ex Fr.) Fr., Sverig ätl gift Svampar t 58 (1861-68). Byford (UWA 2126).

*Crepidotus eucalyptorum* Cleland, Trans R Soc S Aust 48:242 (1924). Floreat Park (UWA 1225). Gleneagle (UWA 2573).

*Crepidotus globigerus* see *C. nephrodes*

*Crepidotus nephrodes* (Berk. & Curt.) Sacc. Syll Fung 5:882 (1887). Mundaring Weir. as *C. globigerus* (UWA 1434). Quininup (UWA 3410). Kings Park (UWA 3352).

Revision: *Crepidotus subhaustellaris* see *Melanotus hepatochrous*, Strophariaceae.

*Crepidotus variabilis* (Pers.) Kummer. Führ Pilzk p 74 (1871). Manjimup (UWA 3314).

*Dermocybe austroveneta* (Cleland) Moser & Horak, Beihefte Nov Hedwig 52:605 (1975). Gleneagle (UWA 2548).

*Dermocybe erythrocephala* (Dennis) Moser, Schweiz. Z Pilzk 50:166 (1972). Gleneagle (UWA 2542) = *Cortinarius sanguineus sensu stricto* Cleland (1934) = *Cortinarius erythrocephalus* Dennis, Kew Bull 1955 p 107 (1956).

*Dermocybe splendida* Horak, Aust J Bot Suppl Ser 10:33 (1983). Walpole National Park (UWA 2322) (ZT 79/307).

*Descolea maculata* Bougher, Aust J Bot 33:619 (1985). Floreat Park (UWA 2860\*) (ZT 1843). Denmark (UWA 2897) (UWA 2914). Walpole (UWA 2916). Harvey (UWA 2915).

*Galerina macquariensis* Smith & Singer, Mycologia 50:478 (1958). Bull Creek (UWA 1256).

*Hebeloma aminophilum* Miller & Hilton, Sydowia 39:133 (1986). Kalamunda (UWA 2013) (UWA 2150\*). Mundaring (UWA 2030). Quininup (UWA 2111).

*Inocybe australiensis* Cleland & Cheel, Trans R Soc S Aust 42:109 (1918). Mundaring Weir (UWA 1942, UWA 1669). Serpentine Dam (UWA 1546). Cleland's *I. serrata* and *I. granulosisipes* are synonymous with this species (Horak 1980, p 26).

*Inocybe fibrillosibrunnea* Miller & Hilton, Sydowia 39:132 (1986). Kalamunda (UWA 2204\*) (VPI\*). Julimar (VPI).

*Inocybe granulosisipes* see *Inocybe australiensis*.

*Inocybe murrayana* see *Astrosporina imbricata*.

*Inocybe serrata* see *Inocybe australiensis*.

Revision: *Rozites australiensis* see *Cortinarius australiensis*.

*Tubaria rufofulva* (Cleland) Reid & Horak, Aust J Bot Suppl Ser 10:29 (1983). Quininup (UWA 2080). Denmark (UWA 2333) (ZT). Two Peoples Bay (UWA 2663). Gleneagle (UWA 2669). As *Pholiota*, Cleland (1934 p 103).

#### Family Entolomataceae

*Claudopus byssisedus* (Fr.) Gillet, Les Hyménomycètes p 427 (1878). Karragullen (UWA 2952).

*Leptonia incana* (Fr.) Gillet, Les Hyménomycètes p 414 (1874). Mundaring Forest (UWA 2503). Gleneagle (UWA 2441). Gervasse (UWA 2433).

#### Family Hygrophoraceae

*Hygrophorus cantharellus* (Schw.) Fr., Epicr Myc p 329 (1838). Giants (UWA 2795) (VPI).

*Hygrophorus laetus* (Fr.) Fr., Epicr Myc p 329 (1838). Walpole (UWA 2590) (VPI).

#### Family Lepiotaceae

*Lepiota acutesquamosa* (Weinm.) Gillet, Les Hyménomycètes p 60 (1874). Quininup (UWA 3306).

*Lepiota cristata* (Fr.) Kummer, Führ Pilzk p 137 (1871). Mt Frankland (UWA 2338).

*Lepiota gracilentia* see *Lepiota konradii*.

*Lepiota haemorrhagica* Cleland, Trans R Soc S Aust 55:154 (1931). Mundaring (K).

*Lepiota konradii* Huijsman ex P D Orton, Trans Br Mycol Soc 43:283 (1960). Margaret River, as *Lepiota gracilentia* (Krombh.) Quél. (UWA 358). Mundaring Weir (UWA 1547). Gleneagle (UWA 2581).

*Lepiota nigro-cinerea* Cleland, Trans R Soc S Aust 55:153 (1931). Mundaring (K).

*Leucocoprinus fragilissimus* (Berk. & Rav.) Pat., J Bot Paris 2:16 (1888). Crawley (UWA 2828).

## Family Paxillaceae

*Paxillus corrugatus* see *Paxillus curtisii*.

*Paxillus curtisii* Berk. apud Berk. & Curtis, Ann Mag Nat Hist ser 2, 12:423 (1853). Gleneagle (UWA 2588) (VPI). Synonymous with *P. corrugatus* Atkinson.

## Family Pluteaceae

*Pluteus flammipes* var *depauperata* Horak, Aust J Bot Suppl Ser 10:33 (1983). W Australia (ZT).

*Pluteus pellitus* Fr. : Pers., Synop Method Fung p 366 (1801). Pemberton (UWA 2591).

*Pluteus villosus* (Bull.) ss. Decary, Romagnesi, Bull Soc Mycol Fr 43:19 (1927). Julimar (UWA 1634) (UWA 1666).

## Family Russulaceae

*Lactarius clarkei* Cleland, Trans R Soc S Aust 51:302 (1927). Virgin Jarrah, Manjimup (UWA 3310).

*Lactarius eucalypti* Miller & Hilton, Sydowia 39:127 (1986). Gleneagle (UWA 1719). Denmark (VPI\*) (UWA 2341\*). Walpole (UWA 2354).

*Rassula clelandii* Miller & Hilton, Sydowia 39:128 (1986). Denmark (VPI\*) (UWA 2364\*).

*Russula purpureoflava* Cleland, Trans R Soc S Aust 51:301 (1927). Gleneagle (UWA 2628).

## Family Strophariaceae

*Hypholoma* see *Naematoloma*.

Revision: *Melanotus hepatochrous* (Berk.) Singer is the correct name for *Crepidotus subhaustellaris* Cleland. (Horak 1977). Perry Lakes (UWA 2522).

*Naematoloma aurantiacum* see *Stropharia aurantiaca*.

*Naematoloma sublateritium* (Fr.) Quél. Champ Jura p 143 (1872). Dwellingup (UWA 354).

Re-collection: *Pholiota drummondii* (Berk.) Pegler, Darlington (UWA 3321) (K).

*Pholiota gummosa* (Lasch) Singer, Lilloa 22:517 (1951). Diamond State Forest (UWA 2180) (E), (UWA 2077).

*Pholiota multicingulata* Horak, Aust J Bot Suppl Ser 10:33 (1983). Western Australia (ZT 1160).

*Pholiota rufofulva* see *Tubaria rufofulva*, Cortinariaceae.

*Psilocybe merdaria* (Fr.) Ricken, Blätterpilze p 251 (1915). Kwinana (UWA 2027). See Miller & Hilton (1987). (-*Stropharia merdaria* (Fr.) Quél.).

*Stropharia aurantiaca* (Cooke) P D Orton, Trans Br Mycol Soc 43:381 (1960). Crawley, as *Naematoloma aurantiacum* (Cooke) Guzmán (UWA 2425). Brunswick Junction (UWA 2435).

*Stropharia merdaria* see *Psilocybe merdaria*.

*Stropharia stercoraria* (Schum.:Fr.) Quél., Ench Fung p 112 (1886). Noble Falls (UWA 2529).

## Family Tricholomataceae

*Armillaria mellea* see *Armillaria luteobubalina*.

*Armillaria luteobubalina* Wailing & Kyle, Trans Br Mycol Soc 71:79 (1978). Kings Park (UWA 1828) (UWA 1831). Two Peoples Bay (UWA 2636). Carinyah (UWA 2243). Floreat Park (UWA 2252). Esperance (UWA 1780). Records of *A. mellea* (Vahl ex Fr.) Kummer all appear to have been *A. luteobubalina* (Kile et al 1983).

*Clitocybe asterospora* (J. Lange) Moser apud Gams, Kleine Kryptogamenflora II p 52 (1953). Garden Island (UWA 1360).

*Clitocybe gibba* (Fr.) Kummer, Führ Pilz p 123 (1871). As *C. infundibuliformis* (Fr.) Quél. Yunderup (UWA 2446).

*Clitocybe infundibuliformis* see *Clitocybe gibba*.

*Clitocybe odora* (Bull. : Fr.) Kummer, Führ Pilz p 121 (1871). Jarrahdale (UWA 2687).

*Collybia abutyracea* Cleland, Trans R Soc S Aust 55:156 (1931). Pemberton (UWA 1479).

*Collybia butyracea* (Bull. : Fr.) Kummer, Führ Pilz p 117 (1871). Giants (UWA 2363). Mundaring (UWA 2497).

*Collybia dryophila* (Bull. : Fr.) Kummer, Führ Pilz 115 (1871). Gleneagle (UWA 2592) (VPI).

*Collybia elegans* Cleland, Trans R Soc S Aust 57:187 (1933). Quininup (UWA 2094).

*Collybia peronata* (Bolt. : Fr.) Kummer, Führ Pilz p 115 (1871). Mundaring Weir (UWA 2830).

*Conchomyces bursaeformis* (Berk.) Horak, Sydowia 34:109 (1981). Pemberton (UWA 3020).

*Delicatula crispula* (Quél.) Pat., Essai taxon p 157 (1900). Wanneroo (UWA 2216)-*Hemimycena crispula* (Quél.) Singer, Ann Mycol 41:121 (1943).

*Flammulina velutipes* (Fr.) Karst., Medd Soc Fauna Fl Fenn 18:62 (1891). Dampier Peninsula (UWA 2771).

*Hemimycena crispula* see *Delicatula crispula*.

*Hohenbuehelia atrocaerulea* (Fr.) Singer, var *grisea* (Peck) Thorn & Barron Mycotaxon 25:390 (1986). Encabba (UWA 2833). Anamorph determined by Thorn & Barron (1986 p 394) as *Nematoctonus robustus* Jones.

*Laccaria fraterna* (Cooke & Masee) Pegler, Aust J Bot 13:327 (1965). Jarrahdale (UWA 3009). As *L. lateritia* by A. M. Young (1982).

*Laccaria lateritia* see *Laccaria fraterna*.

*Laccaria ohiensis* (Montagne) Singer, Mycologia 38:688 (1946). Mundaring Weir (UWA 1361).

*Lentinus concinnus* Pat., Bull Soc Mycol Fr 8:47 (1892). Kununurra (UWA 3371).

*Lentinus lepideus* see *Pleurotus australis*.

*Lentinus strigosus* (Schwein.) Fr., Syst Orb Veg 77 (1825). Swan River (K). Tweed River (K). Tutanning (K).

*Lepista sordida* (Fr.) Singer, Lilloa 22 p 193 (1951). Holly-wood (UWA 2112). Kings Park (UWA 2593) (VPI).

*Leacopaxillus lilacinus* Bougher, Sydowia 39:17 (1986). Dwellingup (UWA 2898. 3014\*). Newlands (UWA 3018).

*Marasmius crinisequi* F. Mueller: Kalchbrenner, Grevillea 8:153 (1880)-*M. equicrinis* F. Mueller apud Berk. Porongorups (UWA 743).

*Marasmius equicrinis* see *Marasmius crinisequi*.

*Melanoleuca cognata* (Fr.) Konrad & Maublanc, Icones Selectae Fungorum 6:323 (1926). Churchlands (UWA 2620).

*Mycena austrororida* Singer, Ark f Bot 4:394 (1959). Boranup (UWA 3334).

*Mycena galericulata* (Scop. : Fr.) S.F. Gray, Nat Arr Brit Plants 1:619 (1821). Dwellingup (UWA 2500).

*Mycena latifolia* (Peck) Sacc., Syll Fung 5:268 (1887). Carinyah (UWA 2457).

*Mycena speirea* (Fr.) Gillet, Les Hyménomycètes. p 280 (1874). Kalamunda, in pine plantation (E).

*Omphalia* see *Omphalina*

*Omphalina chromacea* Cleland, Trans R Soc S Aust 48:239 (1924). Mt Barker (UWA 1724), Walpole (UWA 2796) (VPI).

*Omphalina ericetorum* (Fr.) M. Lange, Med om Gronland 147 (11):25 (1955). Denmark (UWA 2345) see Kew Bull 15:75 Fig. 11.

*Oudemansiella longipes* (Bull.) Moser, Z Pilzk 19:4 (1955). Floreat Park (UWA 1884).

*Panellus ligulatus* Horak, Aust J Bot Suppl Ser 10:32 (1983). Manjimup (ZT 1176\*).

*Pleurotus australis* (Cooke & Masee) Sacc., Syll fung 9:46 (1891). Dwellingup (UWA 1869), Collie (UWA 2829). Specimens UWA 1854, 2084 and 2087 are also of this species and not *Lentinus lepideus* as stated in Part I of the Census.

*Resupinatus trichotis* (Pers.) Singer, Persoonia 2:1:48 (1961). Wanneroo (UWA 2208).

*Tricholoma saponaceum* (Fr.) Kummer, Führ Pilz p 133 (1871). Pickering Brook (UWA 2000). Gleneagle (UWA 2521).

#### Order Aphyllophorales

##### Family Clavariaceae

*Clavicornia pyxidata* (Fr.) Doty, Lloydia 10:38 (1947). Manjimup (UWA 2955).

*Clavulina cinerea* (Fr.) Schroeter, Krypt Fl Schles Pilze p 442 (1888). Julimar (UWA 2528).

*Clavulinopsis miniata* (Berk.) Corner, Clavaria p 378 (1950). Jandakot (UWA 897).

*Ramaria fumigata* (Peck) Corner, Clavaria p 591 (1950). Karragullen (UWA 3383).

*Ramaria gracilis* (Fr.) Quél., Fl Myc p 463 (1888). Barton's Mill (UWA 2834).

*Ramaria ochraceosalmonicolor* (Cleland) Corner, Clavaria p 611 (1950). Roleystone (UWA 484).

*Ramaria sinapicolor* (Cleland) Corner, Clavaria p 621 (1950). Gleneagle (UWA 2868). Pickering Brook (UWA 2928).

##### Family Coniophoraceae

*Coniophora olivacea* (Fr. : Fr.) Karst Hattsv 2:162 (1880). Collie, on jarrah (UWA 103).

##### Family Corticiaceae

*Peniophora gigantea* (Fr.) Masee, J Linn Soc 25: 142 (1889). Nannup (UWA 2018).

*Phanerochaete filamentosa* (Berk. & Curtis) Karst, em Donk, Persoonia, 2:223 (1962). Manjimup (UWA 3478) (PDD 52483).

*Phlebia celtidis* W. B. Cooke, Mycologia 48:394 (1956). York (UWA 2511).

*Phlebia merismoides* see *Phlebia radiata*.

*Phlebia radiata* Fr., Syst Mycol 1:426 (1821). As *P. merismoides*, Gleneagle (UWA 1928).

##### Family Hericiaceae

*Laxitextum bicolor* (Fr.) Lentz, Agric Monograph US Dept Agric 24:19 (1955). Karragullen, as *Stereum bicolor* (UWA 728). Manjimup (PDD 52481).

##### Family Hydnaceae

*Hydnum rufescens* Fr. Syst Mycol 1:401 (1821). Gleneagle (UWA 2631) (UWA 2667).

*Phellodon melaleucus* (Fr.) Karst., Medd Soc Fauna & Flora Fennica 6:15 (1881). Gleneagle (UWA 2523).

*Phellodon plicatus* (Lloyd) Maas G. Proc K Ned Akad Wet (Ser c) 69:321 (1966). Waroona dam (UWA 2626); Two Peoples Bay (UWA 2196), Walpole (UWA 2356), Gleneagle (UWA 2673).

##### Family Hymenochaetaceae

*Asterostroma persimile* Wakefield, Kew Bull p 372 (1915). Manjimup (PDD 52473).

*Phellinus conchatus* (Pers. : Fr.) Quél., Ench Fung p 173 (1886). Denmark (UWA 2594).

*Phellinus fastuosus* see *Phellinus spadiceus*.

*Phellinus nilgheriensis* (Montagne) G. Cunn., Polyp NZ, p 226 (1965). Drysdale (UWA 2146).

*Phellinus spadiceus* (Berk) G. Cunn., Polyp NZ p 235 (1943). Drysdale (UWA 2143, 2145). Manjimup, as *Phellinus fastuosus* (Lév.) Ryvarden (PDD 52507).

*Phellinus wahlbergii* (Fr.) Reid, Contr Bolus Herbarium 7:97 (1975). Manjimup (PDD 52508-52511).

*Phellinus zealandicus* (Cooke) G. Cunn., Polyp NZ p 223 (1965). Karragullen (UWA 26).

##### Family Laehnocladiaceae

*Dichostereum pallescens* (Schw.) Boidin & Lanquetin, Bull Soc Mycol Fr 96:381 (1980). Quininup (UWA 3389). Manjimup (PDD 52474-52476).

##### Family Polyporaceae

*Abortiporus biennis* see *Heteroporus biennis*.

Revision: *Corioloopsis brunneoleuca* (Berk.) Ryvarden, Norw J Bot 19:230 (1972). Prince Frederick Harbour (UWA 3000). In Census Part I as *Polystictus brunneo-leucus*.

*Corioloopsis floccosus* (Jungh.) Ryvarden, Norw J Bot 19:230 (1972). Beagle Bay, Dampier Pen (UWA 2999).

*Gloeoporus adustus* (Willdenow : Fr) Pilát, Atlas des Champignons de l'Europe 3:152 (1937). Karragullen (UWA 56).

*Grifola berkeleyi* (Fr.) Murrill, Bull Torrey Bot Club 31:337 (1904). Murdoch (UWA 1639).

*Grifola colensoi* (Berk.) G. Cunn., Polyp NZ p 95 (1965). Porongorups (UWA 337).

*Heteroporus biennis* (Bull. : Fr.) Laz., Rev Real Acad Cienc exact fise nat Madrid 15:120 (1916). York (UWA 3011).-*Abortiporus biennis* (Bull. :Fr.) Singer.

*Inonotus chondromyelus* Pegler, Trans Br Mycol Soc 47:167 (1964). Pemberton (UWA 1416). Cunningham (1965 p 201) records as *I. dryadeus* (Pers. : Fr.) Murrill from Ivanhoe.

*Inonotus dryadeus* see *Inonotus chondromyelus*.

*Lenzites acuta* Berk., in Hooker's London J Bot 1:146 (1842). Mitchell Plateau (UWA 2785), Winjana Gorge (UWA 2983).

*Macrohyporia dictyopora* (Cooke) Johansen & Ryvarden, Trans Br Mycol Soc 72:192 (1979). Pemberton (PDD 52482).

*Melanopus infernalis* (Berk.) Pat., Essai Tax Hymén. p 80 (1900). Mandurah (UWA 332), Ludlow (UWA 2161), Two Peoples Bay (UWA 2198), Pemberton (UWA 3327).

*Perenniporia medulla-panis* (Fr.) Donk, Persoonia 5:1:76 (1967). Bungle Bungle (UWA 3373).

*Phaeolus schweinitzii* (Fr.) Pat., Essai Tax Hymén. p 86 (1900). Manjimup (UWA 2083).

*Polyporus arcularius* (Batsch) Fr., Syst Mycol 1:342 (1821). Dampier Peninsula (UWA 2770), Mitchell Plateau (UWA 2855), Kununurra (UWA 3372).

*Polyporus basilapiloides* (McAlpine & Tepper) Cleland & Cheel, Trans R Soc S Aust 43:18 (1919). Albany (PDD).

*Polyporus elegans* Fr., Epier p 440 (1838). Prince Frederick Harbour (UWA 3004).

*Polyporus hartmanni* Cooke, Grevillea 12:14 (1883). Port Hedland (UWA 3374).

*Polyporus philippinensis* Berk., in Hooker's London J Bot 1:148 (1842). Mitchell Plateau (UWA 2724), Port Warrender (UWA 2725).

*Polyporus sclerotinius* Rodway, Pap Proe R Soc Tas p 108 (1918). Augusta (UWA 631), Boranup (UWA 1368), Manjimup (UWA 2394).

*Polyporus tricholoma* Mont., Ann Sci Nat Ser 2, 8:365 (1837). Port Warrender (UWA 2726).

*Polyporus udus* Jungh., Tidschr v Nat Gesch Phys 7:289 (1840). Bungle Bungle (UWA 2984).

Revision: *Polystictus brunneoleucus* see *Coriolopsis brunneoleuca*.

*Poria carneo-lutea* Rodway & Cleland, Pap Proc R Soc Tas p 18 (1929), Margaret River (UWA 1642).

Revision: *Trametes versatilis* see *Trichaptum byssogenum*.

Revision: *Trichaptum byssogenum* (Junghuhn) Ryvardeen, Kew Bull 31:101 (1975). For *Trametes versatilis*.

Family Stereaceae

*Stereum affine* L veille, An sci Nat 3:2:210 (1844). Manjimup (UWA 3012). Pemberton (UWA 3407).

*Stereum bicolor* see *Laxitextum bicolor*, Hericiaceae.

Family Thelephoraceae

*Thelephora congesta* Berk., J Linn Soc 13:168 (1873). Kelmscott (UWA 1528).

Class Gasteromycetes

Order Gautieriales

Family Gautieriaceae

*Austrogautieria manjimupana* Trappe & Stewart, Mycologia 77:676 (1985). Manjimup (CORVALLIS\*), Gleneagle (UWA 2690) (UWA 2911), Pickering Brook (UWA 2837).

Order Hymenogastrales

Family Hymenogastraceae

*Gymnomyces pallidus* Masee & Rodway ex Masee, Kew Bull p 125 (1898). Coll CSIRO HI59 (UWA 2553). Formerly *Octaviana pallida* (Masee & Rodway) G. Cunn.

*Hydnangium archeri* (Berk.) Rodway, Pap Proe R Soc Tas 1911:25 (1912). Jarrahdale (MELU).

*Hydnangium carneum* Wallroth, Dietrich's Flora Regni Borussici 7:465 (1839). W Australia (UWA 667). Colli e (UWA 2656).

*Hymenogaster albus* (Klotzsch) Berk. & Br., Ann Mag Nat Hist Ser 1, 13:349 (1844). Manjimup (CORVALLIS).

*Octaviana pallida* see *Gymnomyces pallidus*.

*Rhizopogon luteolus* Fr., Symbolae Gasteromycetum 1:5 (1817). Dwellingup (PERTH). This species has long been used in Western Australia for mycorrhizal inoculation of pines, see Kessell & Stoate (1936) p 7.

*Zelleromyces australiensis* (Berk. & Br.) Pegler & Young, Trans Br Mycol Soc 72:231 (1979). Kalamunda (UWA 1887).

*Zelleromyces daucinus* Beaton, Pegler & Young, Kew Bull 39:686 (1984). Jarrahdale (MELU).

*Zelleromyces malaiensis* (Corner & Hawker) A H Smith, Mycologia 54:636 (1962). Dwellingup (MELU).

Family Secotiaceae

*Cystangium sessile* (Masee & Rodway) Singer & A H Smith, Bull Torrey Bot Club 21:1-112 (1960). Perup (UWA 2544).

*Montagnea arenarius* (DC.) Zeller, Mycologia 35:409 (1943). Kurrawang, as *Montagnites candollei* (ADW). Lake Moore (UWA 2705).

*Montagnites candollei* see *Montagnea arenarius*.

Order Lycoperdales

Family Geastraceae

*Geastrum triplex* Junghuhn, Tijdschr Natuurl Gesch et Physiol Leiden 1840 p 257 (1840). Two Peoples Bay (UWA 2019). Kings Park (UWA 3355).

Family Lycoperdaceae

*Bovista brunnea* Berk., Flora Novae-Zelandiae 2:189 (1855). Merredin (ADW) and Dowerin (Univ Syd) according to Cunningham (1944 p 143).

*Bovista verrucosa* G. Cunn. New Zealand J Sci Tech 23:171 (1942). Condingup (UWA 1071).

*Calvatia candida* (Rosikovius) Hollos, Termeszetr jzi Fuzetek 25:112 (1902). Kings Park (UWA 589), Mt Benia (UWA 1485).

*Lycoperdon hiemale* see *Lycoperdon pratense*.

*Lycoperdon pratense* Pers. ex Pers., Syn Meth Fung 142 (1801). Bassendean, (UWA 2691), Esperance (UWA 1553). Cunningham (1944 p 146) lists as *Lycoperdon hiemale*. European literature commonly lists this species as *Vascellum pratense* (Pers. ex Pers.) Kreisel.

*Vascellum pratense* see *Lycoperdon pratense*.

Order Nidulariales

Family Nidulariaceae

*Cyathus stercoreus* (Schw.) de Toni, Syll Fung 7:40 (1888). Brunswick (UWA 2413), Yanchep (UWA 2165).

*Nidula candida* (Peck) White, Bull Torrey Bot Club 29:271 (1902). Augusta (UWA 2563).

Order Phallales

Family Clathraceae

*Ileodictyon cibarium* Tulasne, in Raol, Ann Sci Nat Bot Ser 3, 2:114 (1844). South West Australia, T Muir, F 121 (K) See Dring (1980 p 56).

Revision: *Lysurus australiensis* see *Lysurus cruciatus*.

Revision: *Lysurus cruciatus* (Lepr. & Mont.) Lloyd, Synopsis of Known Phalloids p 40 (1909). This is the correct synonym for *Lysurus australiensis*. *Lysurus gardneri* is not Australian. See Dring (1980 p 76).

Revision: *Lysurus gardneri* see *Lysurus cruciatus*.

Family Gelopellidaceae

*Gelopellis purpurascens* Beaton & Malajczuk, Trans Br Mycol Soc 87:479 (1986). Jarrahdale (MELU\*).

## Family Hysterangiaceae

*Hysterangium affine* Masee & Rodway, Kew Bull 1891:127 (1898). Jarrahdale (MELU).

*Hysterangium inflatum* Rodway, Proc R Soc Tas 1917:108 (1918). Jarrahdale (MELU).

## Family Phallaceae

*Phallus aurantiacus* see *Phallus rubicundus*.

*Phallus hadriani* Pers. ex Vent. Kings park (UWA 1482).

*Phallus rubicundus* (Bosc) Fr., Syst Mycol. 2:284 (1822). Nedlands (UWA 318), Gosnells (UWA 320). Cape Naturaliste (UWA 2608). Description: Cunningham (1944 p 94). Dring (1964 p 15) and (distinguishing from *P. aurantiacus*) Dring & Rose (1977 p 747).

## Family Protophallaceae

*Protuberia canescens* Beaton & Malajczuk, Trans Br Mycol Soc 87:41 (1986). Ludlow (MELU\*). Porongorups (UWA 547).

## Order Sclerodermatales

## Family Sclerodermataceae

*Polysaccum? degenerans* Fr., Lehmann PI Preiss 2:139 (1846). Swan River around Perth (Herb Preiss No 2704\*). The similarity to *Pisolithus tinctorius* of this species described as new by Fries is obvious, but synonymy should not have been assumed as was done in Part I of the Census.

*Scleroderma paradoxum* Beaton & Weste, Trans Br Mycol Soc 79:41 (1983). Jarrahdale (MELU).

## Order Tulostomatales

## Family Calostomataceae

*Calostoma fuhreri* Crichton & Willis, Vic Nat 103:4 (1986). Grass Patch (UWA 2959).

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## References

- Ainsworth G C, Sparrow F K & Sussman A S (ed) 1973. The Fungi: An Advanced Treatise. Vol 4. Taxonomic Review with Keys. Academic Press.
- Ammirati J F 1975 Cortinarius, section Dermocybe—Cortinarius clelandii. Mycotaxon 3:95-101.
- Bougher N L 1983 Western Australian Coprinus as part of a Cosmopolitan Flora. Trans Br Mycol Soc 81:147-149.
- Bougher N L 1986 A new species of *Leucopaxillus* Bours. (Agaricales) from Western Australia. Sydowia 39:17-21.
- Cleland J B 1934 Toadstools and Mushrooms and other Larger Fungi of South Australia. Govt Printer, Adelaide. Reprinted 1976.
- Cunningham G H 1944 The Gasteromycetes of Australia and New Zealand. McIndoe, Dunedin.
- Cunningham G H 1965 Polyporaceae of New Zealand. Govt Printer, Wellington, New Zealand.
- Dring D M 1964 Gasteromycetes of West Tropical Africa. CMI Mycol Papers No 98.
- Dring D M 1980 Contributions towards a rational arrangement of the Clathraceae. Kew Bull 35:1-96.
- Dring D M & Rose A C 1977 Additions to West African Phalloid Fungi. Kew Bull 31:741-751.
- Hilton R N 1982 A census of the larger fungi of Western Australia. J R Soc W Aust 65:1-15.
- Horak E 1977 The Genus *Melanotus* Pat. Persoonia 9:305-327.
- Horak E 1979 *Astrosporina* (Agaricales) in Indomalaya and Australasia. Persoonia 10:157-205.
- Horak E 1980 *Inocybe* (Agaricales) in Indomalaya and Australasia. Persoonia 11:1-37.
- Kessell S L & Stoate T N 1936 Plant Nutrients and Pine Growth. Aust For 1:4-13.
- Kile G A, Watling R, Malajczuk N & Shearer B L 1983 Occurrence of *Armillaria luteobubalina* Watling & Kile in Western Australia. Australasian Plant Pathology 12:18-20.
- Miller O K & Hilton R N 1986 New and Interesting Agarics from Western Australia. Sydowia 39:126-137.
- Thorn R G & Barron G L 1986 Nematocotonus and the tribe Resupinateae in Ontario, Canada. Mycotaxon 25:321-453.
- Watling R & Gregory N M 1986 Observations on the Boletes of the Cooloola Sandmass, Queensland and notes on their distribution in Australia. Proc R Soc Qd 97:97-128.
- Watling R 1975 List of Australian Fungi. Royal Botanic Garden, Edinburgh. Unpublished.

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*versatilis*, *Trametes* 116a  
*villosus*, *Pluteus* 114a  
*vinuceolamellatus*, *Cortinarius* 113a  
*vinacea*, *Psallota* 112a  
*violacea*, *Peziza* 111b  
*violaceus*, *Cortinarius* 113a  
*wahlbergii*, *Phellinus* 115b  
*westraliensis*, *Labyrinthomyces* 112a  
*whitei*, *Peziza* 111b  
*zealandicus*, *Phellinus* 115b